

REMARKS

Reconsideration of this application in light of the present amendment and remarks is respectfully requested.

Claims 1-5, 7, 10 have been rejected.

Claims 11, 12, 27 and 28 were previously withdrawn.

Claims 21-23 and 26 were previously cancelled.

Claim 10 has been cancelled, without prejudice.

Claims 1 and 3 have been amended.

Claims 1-5 and 7 are pending in this application.

Claims 1, 3, 4, 7 and 10 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Jensen et al (US 5,896,271), in view of Williams et al (US 5,378,298), and any one of Derwent Abstract of South African patent 317040, Japanese Patent 2-34987 or Leonard et al (US 6,071,371). This rejection is respectfully traversed.

Claim 10 has been canceled.

Independent claim 1 has been amended to incorporate the features of: milling vents into the printed circuit board to facilitate the second curing. Support for this can be found in the specification on page 8, line 13. None of the cited art that include dual-curing discloses using venting to facilitate a second cure.

In addition, claim 1 has been amended to include bending after mounting. Support for this can be found in the specification on page 4, lines 13-15.

Moreover, claims 1 and 3 have been amended to reflect that two different curing techniques can be used. In particular, the first curing technique is different from the second curing technique and that the venting facilitates the use of the second cure. Support for this can be found in the specification on page 8, lines 10-15, and withdrawn claim 12.

Not only do the cited references fail to mention venting, they also fail to mention using two different curing steps on an assembly. Inasmuch as the cited art fails to mention two different curing techniques, applicants respectfully submit that the cited art could not contemplate the use of venting to facilitate the use of two different curing techniques. Therefore, the cited art is missing two

elements of applicants' invention, as well as the combination of the two elements to facilitate curing, as recited in amended claim 1.

Accordingly, applicants respectfully submit that amended independent claim 1 and claim 3 are deemed patentably distinct and nonobvious from the cited art inasmuch as none of the cited art envisions the particular steps in applicants' method for providing venting to facilitate a second cure that is different than a first cure. Therefore, amended claim 1 is now deemed allowable for the above reasons.

Claims 3, 4 and 7 are dependent on amended claim 1, and the above comments with respect to claim 1 are hereby incorporated by reference. Therefore, claims 3, 4, 7 and 10 are deemed allowable as well for the same reasons.

Accordingly, for the reasons set forth above, the Applicants respectfully request withdrawal of the rejection based on the cited references.

Claim 2 has been rejected under 35 U.S.C. §103(a) as being unpatentable the references as set forth above and further taken with any one of Bluem et al (US 6,214,460), Masayuki et al (US 6,649,012), or Banovetz et al (US 2002/0004132). This rejection is respectfully traversed.

Claim 2 is dependent on amended claim 1, and the above comments with respect to claim 1 are hereby incorporated by reference. Therefore, claim 2 is deemed allowable as well for the same reasons.

Accordingly, for the reasons set forth above, the Applicants respectfully request withdrawal of the rejection based on the cited references.

Claim 10 has been rejected under 35 U.S.C. §103(a) as being unpatentable the references as set forth above and further taken with Chipbonding Adhesive or Dual Cure System Adhesives. Claim 10 has been canceled, rendering this rejection moot.

Claim 5 has been rejected under 35 U.S.C. §103(a) as being unpatentable the references as set forth above and further taken with McIver et al (US 4,396,936). This rejection is respectfully traversed.

Claim 5 is dependent on amended claim 1, and the above comments with respect to claim 1 are hereby incorporated by reference. Therefore, claim 5 is deemed allowable as well for the same reasons.

Accordingly, for the reasons set forth above, the Applicants respectfully request withdrawal of the rejection based on the cited references.

Conclusion

The other references of record have been reviewed and applicant's invention is deemed patentably distinct and nonobvious over each taken alone or in combination.

For the foregoing reasons, applicants respectfully request that the above rejections be withdrawn.

Inasmuch as this amendment distinguishes all of the applicants' claims over the prior art references, for the many reasons indicated above, passing of this case is now believed to be in order. A Notice of Allowance is earnestly solicited.

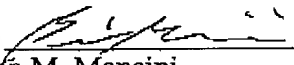
No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicants' attorney at the number indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection or through an Examiner's amendment.

Authorization is hereby given to charge any fees necessitated by actions taken herein to Deposit Account 50-2117.

Respectfully submitted,
Jiao et al.

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